

WHAT IS CLAIMED IS:

1. A hose cartridge for a peristaltic pump equipped with a roller wheel and means for attaching the hose cartridge, the hose cartridge comprising:

a cartridge housing provided with a lateral recess, said recess being adapted to receive said roller wheel of said peristaltic pump when said hose cartridge is attached to said peristaltic pump;

said recess being delimited at least partially by an element essentially having the shape of a segment of a circle and said element comprising a groove extending at least along a portion of said element for receiving a hose portion;

said cartridge housing being provided with mounting means cooperating with said means for attaching the hose cartridge provided on said peristaltic pump;

said groove extending at least along a portion of said element for receiving a hose portion being extended to run along an outer face of said cartridge housing located opposite to said element essentially having the shape of a segment of a circle such that the hose section to be received by said groove leaves said cartridge housing at the same lateral face as it enters said cartridge housing.

2. A hose cartridge according of claim 1 in which at least two lateral faces of said cartridge housing are provided each with a groove section for constituting said groove receiving said hose section.

3. A hose cartridge according to 1 in which three lateral faces of said cartridge housing are provided each with a groove section for constituting said groove receiving said hose section, whereby the fourth lateral face of said cartridge housing is provided with two support arms, the free end of each of said support arms being equipped with a hose take-up member for receiving and retaining fixing members or stoppers provided on said hose section.

4. A hose cartridge according to claim 3 in which each of said hose take-up members provided at the free ends of said support arms comprises two cutouts for receiving and retaining a two-part fixing member or stopper of said hose section.

5. A hose cartridge according to claim 4 in which a necking is provided between said two cutouts of said hose take-up members for clampingly fixing said fixing element or stopper of said hose section.

6. A hose cartridge according to claim 1 in which said element essentially having the shape of a segment of a circle is constituted by a cantilever arm resiliently attached to said cartridge housing.

7. A hose cartridge according to claim 6 in which means are provided for delimiting the resilient deflection of said cantilever arm.

8. A hose cartridge according to claim 1 in which said means for attaching said hose cartridge to said peristaltic pump comprises two pairs of legs, each of said leg pair being provided with at least one catch member.

9. A hose cartridge according to claim 8 in which said groove runs through said two pairs of legs, whereby said lateral recess provided in said cartridge housing is laterally delimited by said two pairs of legs.